

FIG. 1

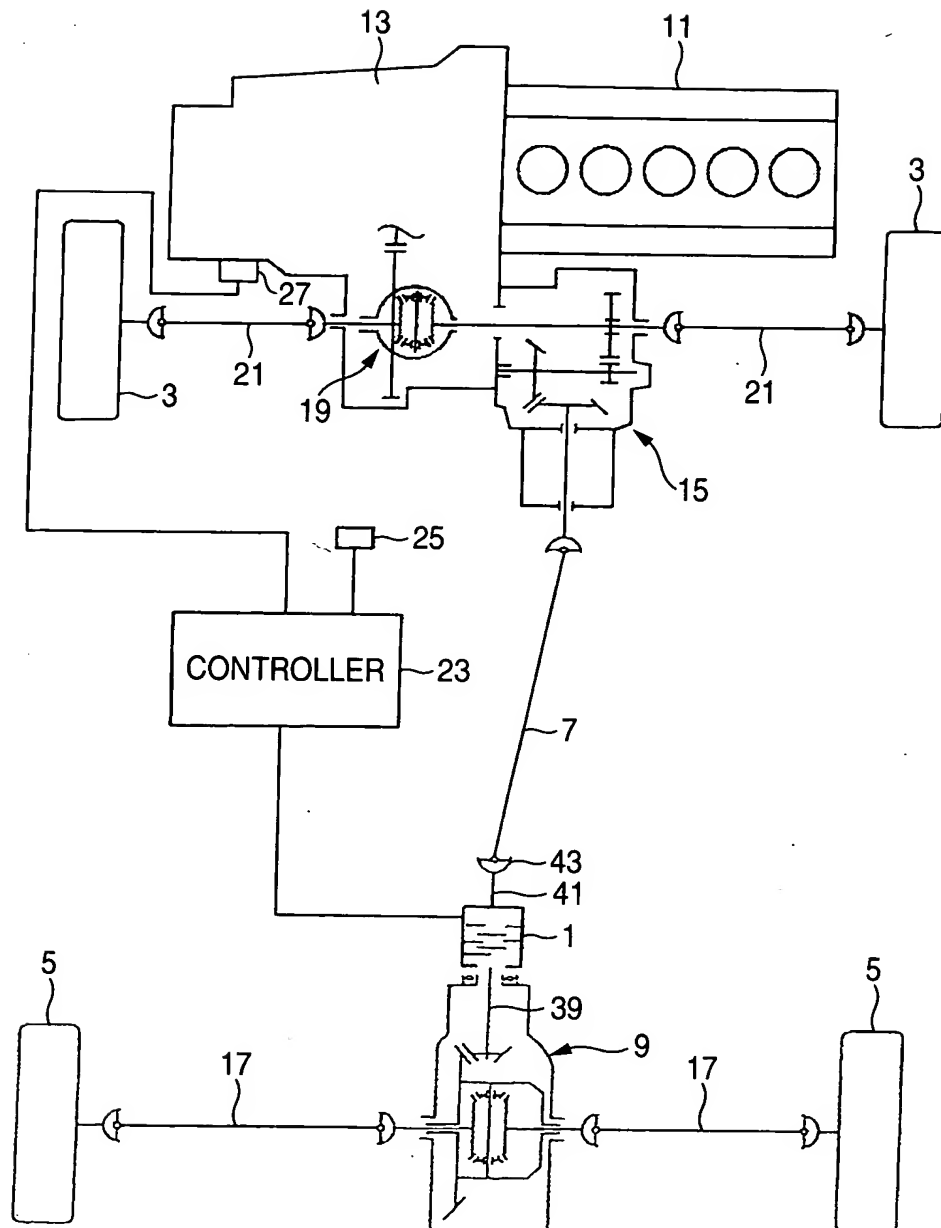


FIG. 2

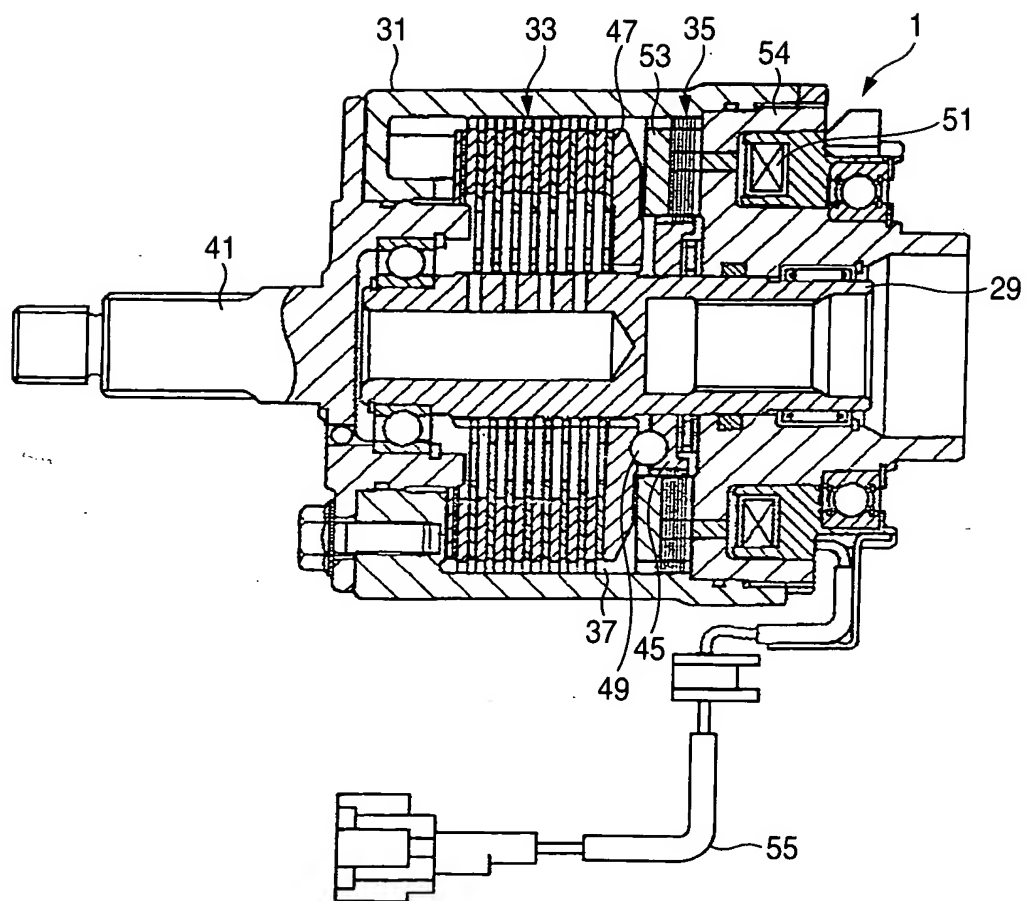


FIG. 3A

FIG. 3B

FIG. 3C

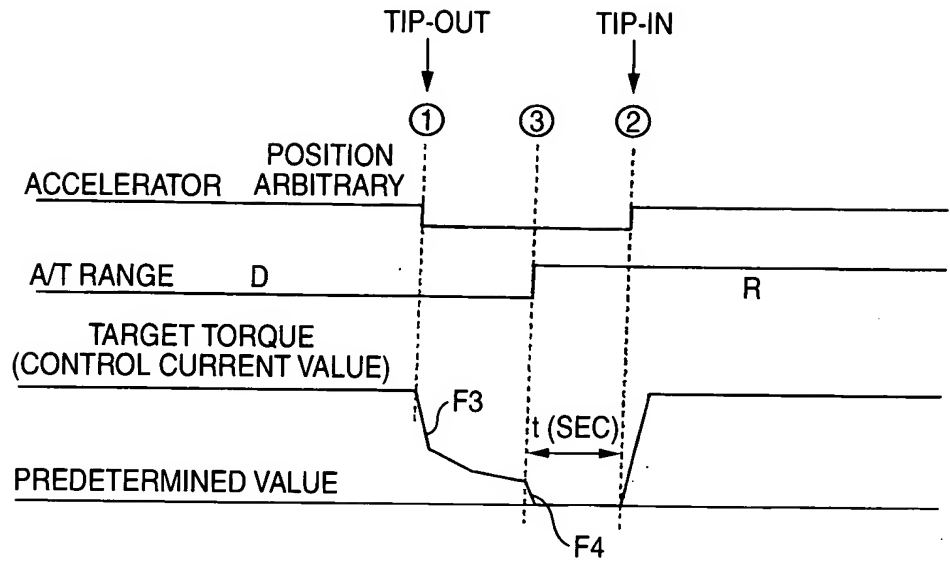


FIG. 4A

FIG. 4B

FIG. 4C

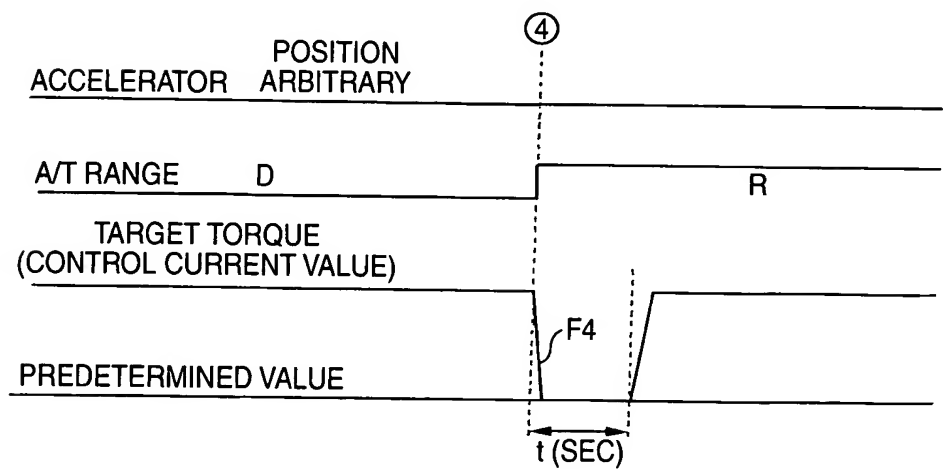


FIG. 5A

RANGE
P
R
N
D (1ST-X)

FIG. 5B

RANGE (THIS TIME)	DIRECTION OF A/T RANGE (THIS TIME)
P	RETAINED (DIRECTION OF PREVIOUS RANGE)
R	0
N	RETAINED (DIRECTION OF PREVIOUS RANGE)
D	1

FIG. 5C

DIRECTION OF PREVIOUS A/T RANGE XOR DIRECTION OF A/T RANGE OBTAINED THIS TIME	INVERSION OF A/T RANGE
0	NON-INVERTED
1	INVERTED

XOR: EXCLUSIVE OR RESULT

FIG. 6

DETERMINATION OF INVERSION OF RANGE	TARGET TORQUE	TARGET TORQUE RETENTION TIME	LIMITATION ON REDUCTION OF TARGET TORQUE
INVERTED	T (EMPLOYED IN THE FORM OF CONSTANT)	t (EMPLOYED IN THE FORM OF CONSTANT)	REDUCTION METHOD B (LINE SEGMENT F4)
NON-INVERTED	CONVENTIONAL VALUE	0 NON-RETENTION	REDUCTION METHOD A (LINE SEGMENT F3)

FIG. 7A

TARGET TORQUE	LIMITATION ON REDUCTION OF TARGET TORQUE
$T2 < \text{TARGET TORQUE}$	L3
$T1 < \text{TARGET TORQUE} \leq T2$	L2
$\text{TARGET TORQUE} \leq T1$	L1

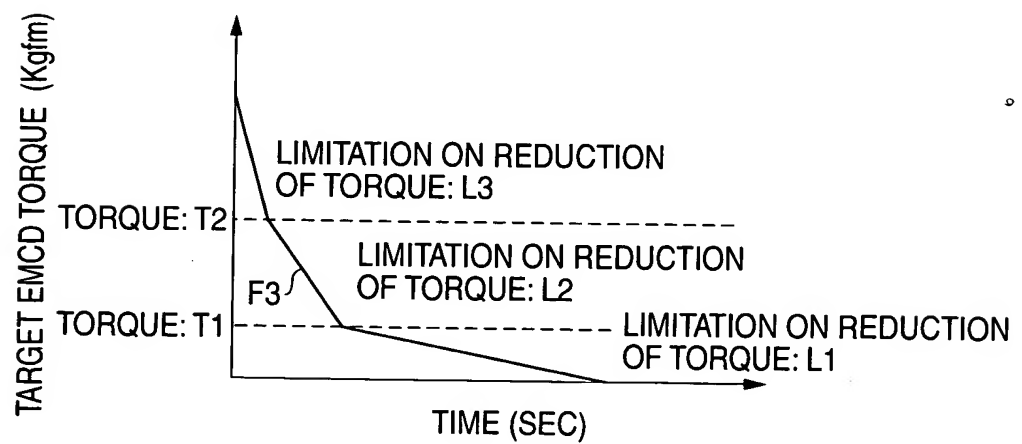
FIG. 7B

FIG. 8

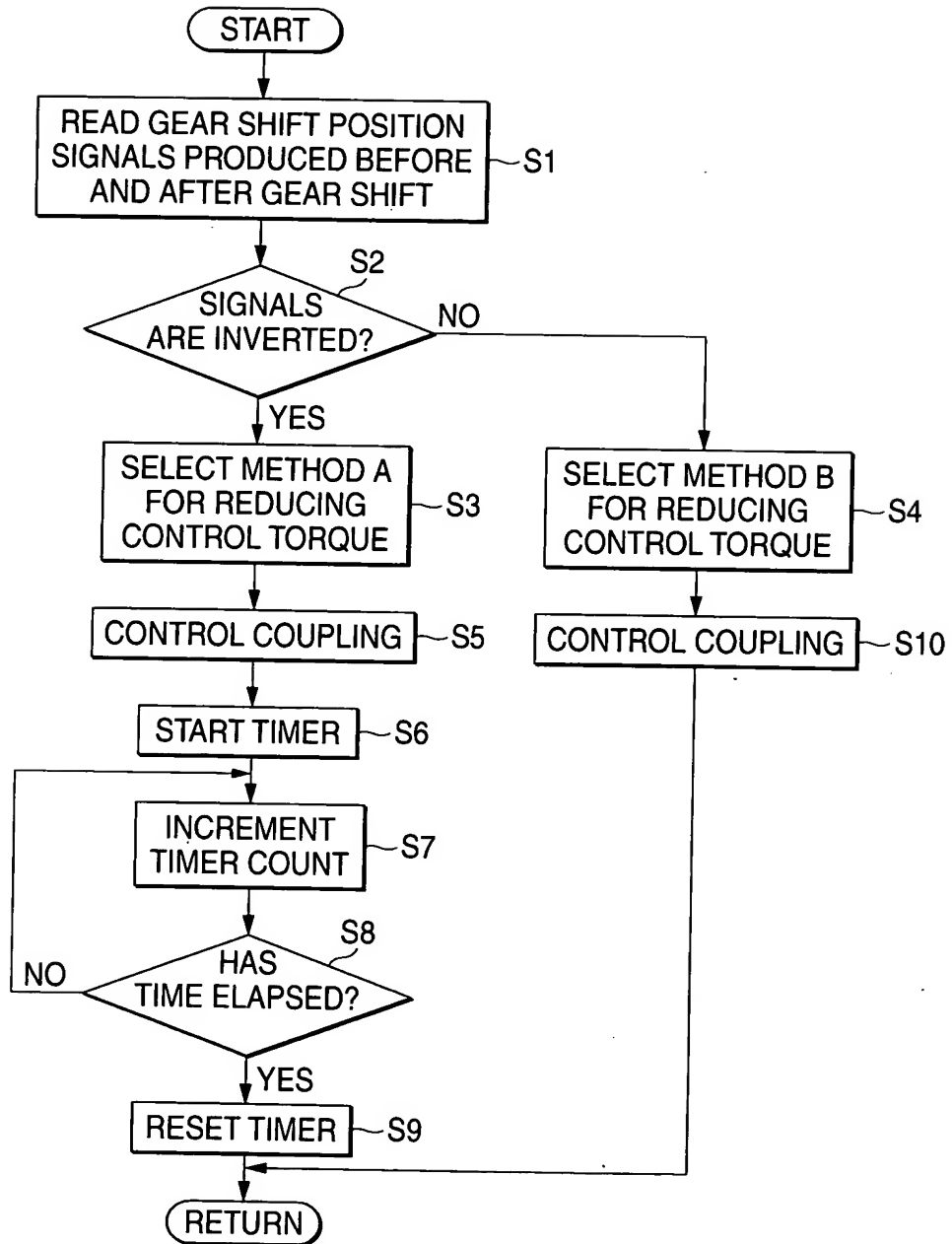


FIG. 9A

RANGE
N
R
1ST-X

FIG. 9B

RANGE (THIS TIME)	DIRECTION OF M/T RANGE (THIS TIME)
R	1
N	RETAINED (DIRECTION OF PREVIOUS RANGE)
1ST-X	0

FIG. 9C

DIRECTION OF PREVIOUS M/T RANGE XOR DIRECTION OF M/T RANGE OBTAINED THIS TIME	INVERSION OF M/T RANGE
0	NON-INVERTED
1	INVERTED

XOR: EXCLUSIVE OR RESULT

FIG. 10

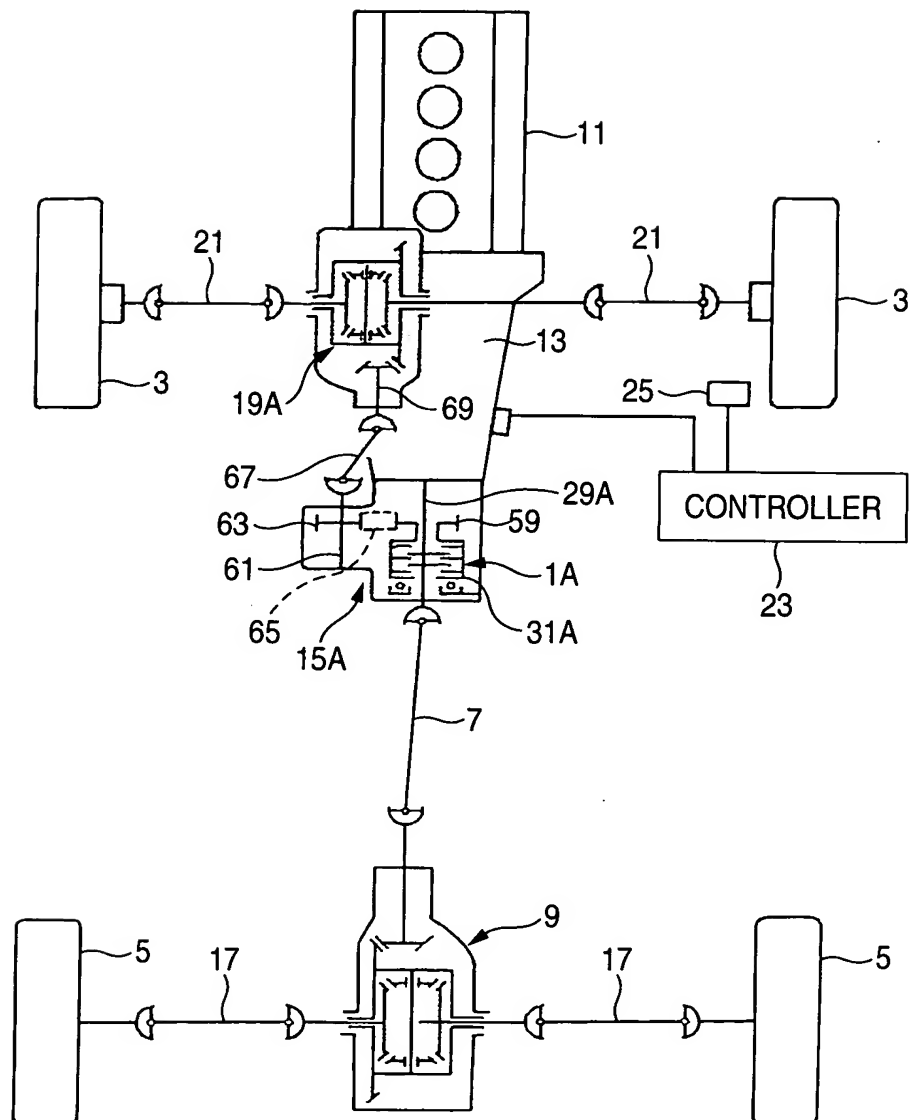


FIG. 11

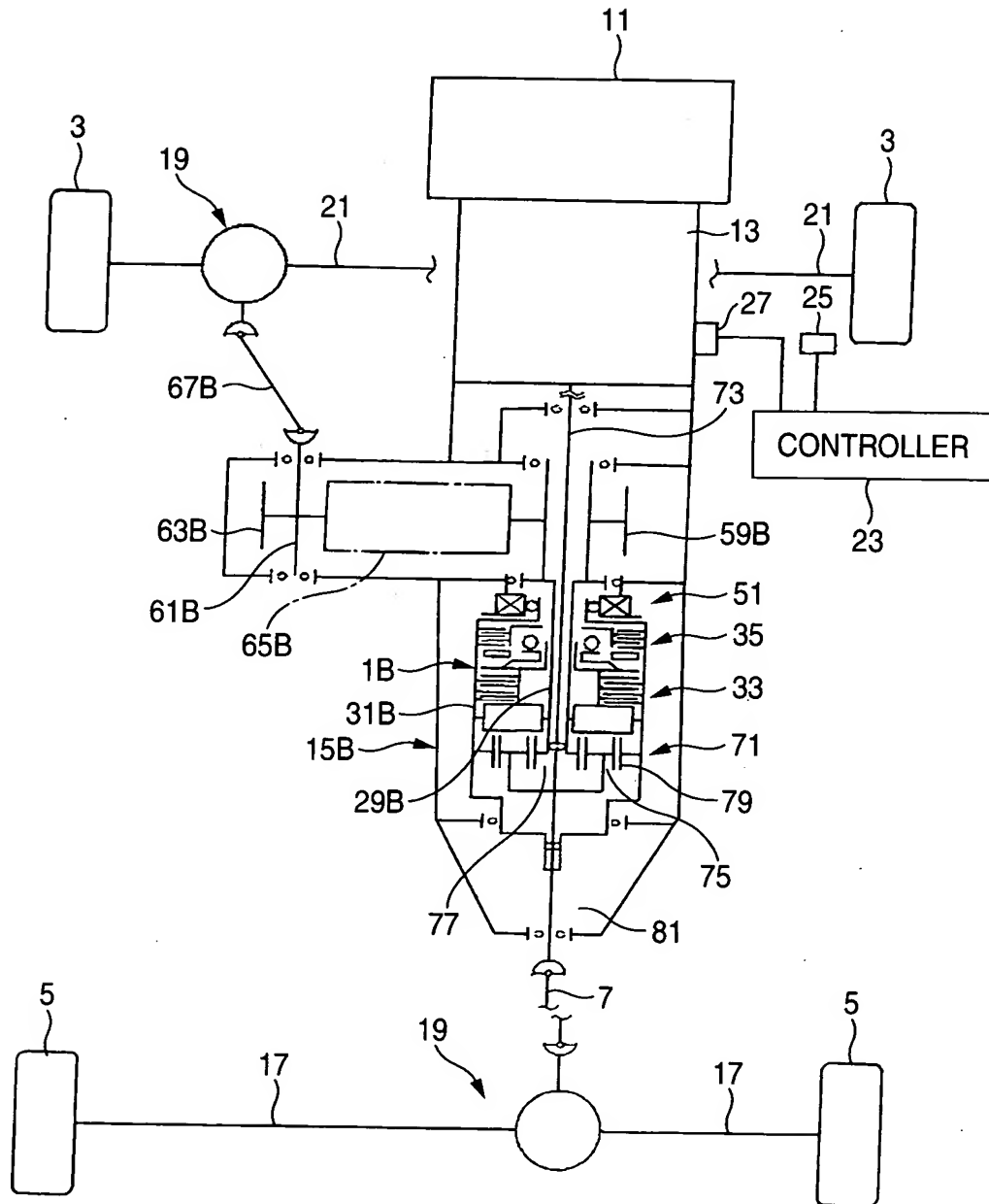


FIG. 12

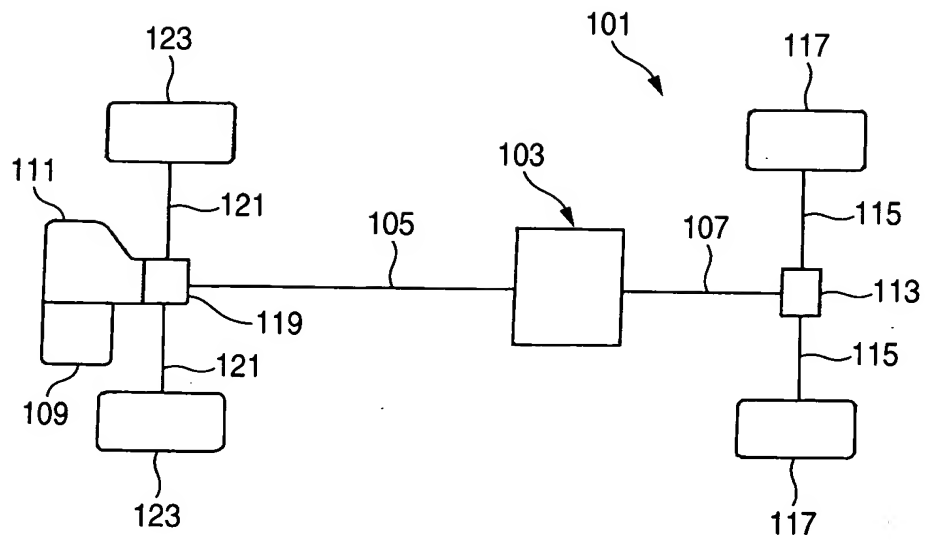


FIG. 13

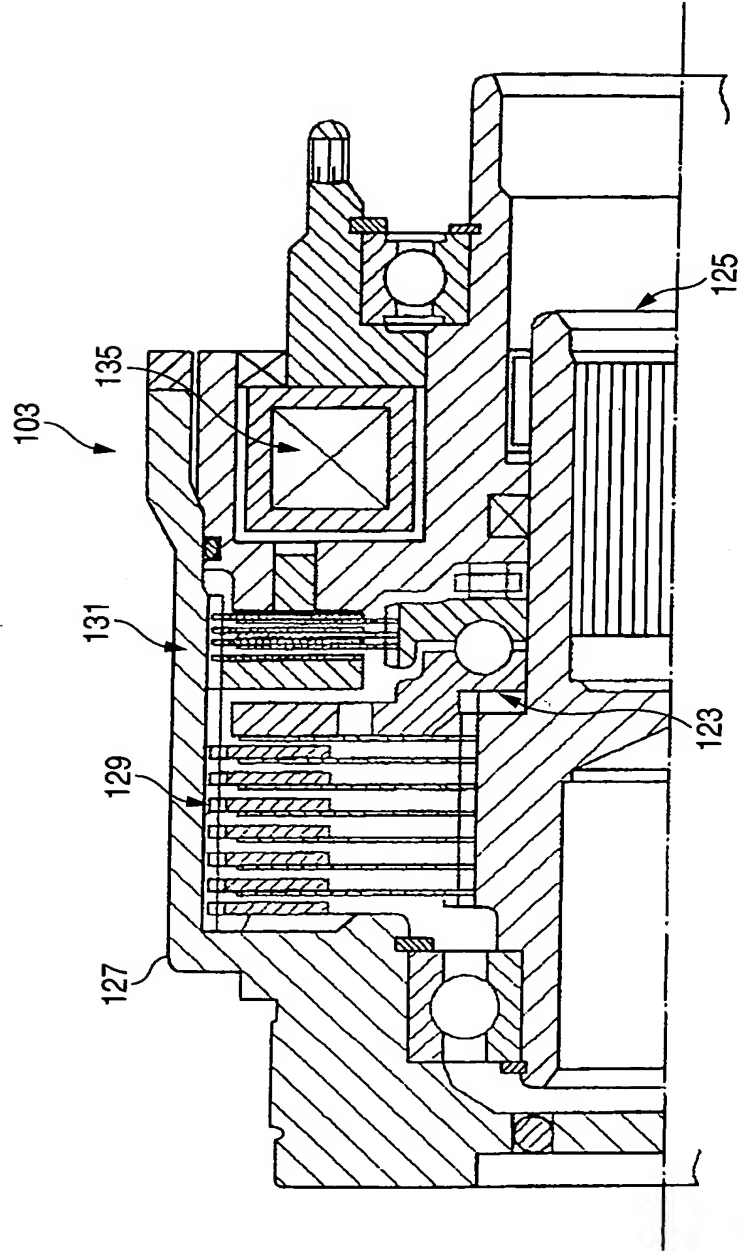


FIG. 14A

FIG. 14B

FIG. 14C

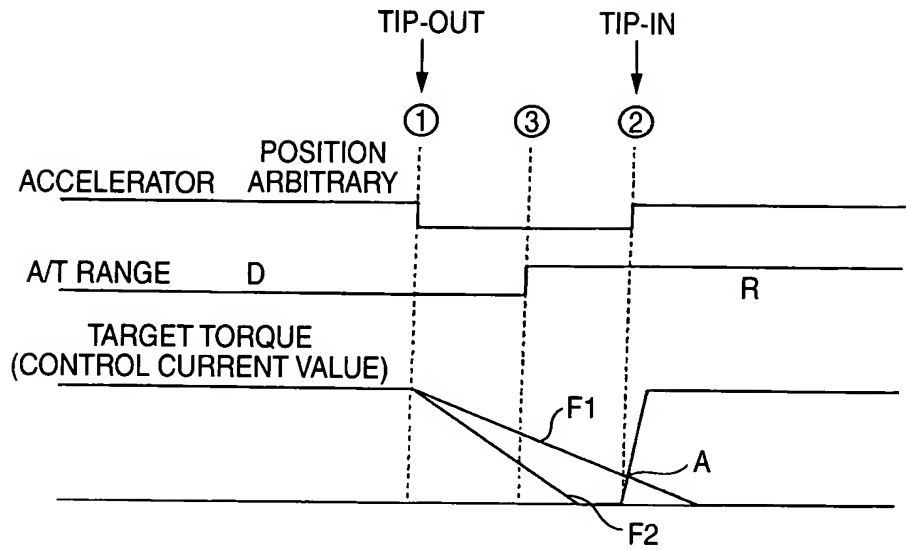


FIG. 15A

FIG. 15B

FIG. 15C

